SOMETIMES VALVES LEAK ON FIRST PUMP, but usually seat themselves after pressure is raised in air chamber, unless they are worn. YOU CAN KEEP A LIGHT CHARGE OF AIR in pistol to keep valves seated. Usually all of the air is not discharged when firing and fewer pump strokes will be needed for recharging. If there is no pressure in air chamber when you start pumping it may sometimes be necessary to cock the hammer which takes pressure off the outlet valve.

IF GUN IS OUT OF ORDER it should be returned to factory for repairs unless you have special tools for servicing this model. SHIP THE COMPLETE PISTOL TO FACTORY carefully packed by PREPAID EXPRESS for examination and SEND A LETTER TO FACTORY BY MAIL at the same time shipment is forwarded advising what the trouble is. AIR PISTOLS ARE NOT ADMITTED IN U. S. MAILS TO INDIVIDUALS AND MUST BE SHIPPED BY EXPRESS.

REAR SIGHT ON ALL MODELS IS ADJUSTABLE and can be moved to right or left when checking sights; shooting slightly high or low is not a defect as this can be corrected when sighting.

WE DO NOT MAKE PARTIAL REPAIRS. Order individual parts also tools if needed to make necessary repairs. We will not assume responsibility for satisfactory operation of new parts unless we overhaul the gun.

KEEP FOR FUTURE REFERENCE

Nos. 110-112-117-150 Repair Parts—Description of Parts and Price List

Parts marked * not subject to replacement—do not order

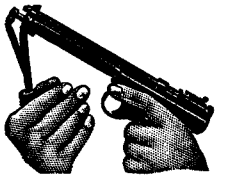
101	Breech Cap (State Model)	$0.35	1124	Muzzle Plug	.75
102	Breech Cap Screws	Ea. .05	1126	Front Sight	*
103	Trigger	.75	1127	Rear Sight (Adjustable)	1.00
104	Trigger Pin	.10	1131	(Not Shown)	.25
106	Trigger Spring	.25	1133	Pump Expander (Not Shown)	.15
109	Stock Washers	Ea. .05	1149	Pump Barrel	*
119	Pump Washer	.15	11120	Plunger Lock Washer (Not Shown)	.15
128	Front Assembly Screw	.10	1502	Pump Lever	.75
130	Stock Screws	.05	1503	Pump Link	.50
131	Packing Ring	.25	1505	Muzzle Plug Screws	.05
134	Outlet Valve	.75	1506	Lever Latch Screw	.15
135	Inlet Valve	.50	1507	Lever Latch	.15
137	Outlet Valve Seat	.50	1508	Air Chamber	*
139A	Stock Frame	2.50	1509	Pump Hinge Screw	.15
139L	Left Hand Stock	.75	1510	Handle Pins	.10
139R	Right Hand Stock	.75	1511	Plug Hinge Pin	.10
140	Outlet Valve Lock Screw	.50	1513	Shot Barrel	*
143	Brass Washer	.15	1514	Link Hinge Pin	.10
145	Valve Spring	.50	1515	Sight Screw	.10
150	Pump Rod Screw	.10	1516	Lever Latch Spring	.15
153	Safety Spring	.10	1517	Lever Handle	.75
154	Safety Button	.35	1518	Pump Rod Only	.75
156	Ball Bearing	.10	1520	Pump Lock Pin	.10
158	Bolt Handle Spring Washer	.10	1522	Gun Barrel	*
162	Relay Bearing	.15	1523	Pump Rod Nut	.75
164	Rear Assembly Screw	.10	1524	Muzzle Plug	.75
165	Bolt Button	.25	1526	Front Sight	*
166	Bolt Complete (State Model)	1.50	1527	Rear Sight (Adjustable)	1.00
168	Bolt Guide Screw	.15	1549	Pump Barrel	*
188	Trigger Relay Pin	.10	1566	Bolt Complete	1.50
189	Trigger Relay (Sear)	.75	1570	Feed Stop	.15
190	Bolt Button Screw	.10	1571	Feed Stop Screw	.15
191	Frame Dowel Pin	.10	1572	Shot Stop Spring	.15
192	Hammer	.85	1574	Feeder Spring	.25
193	Hammer Pin	.10	1575	Feeder Plunger	.25
195	Hammer Spring	.25	1576	Feeder Plunger Retainer	.50
196	Bolt Friction Spring	.10	1577	Feeder Plunger Retainer Screw	.15
197	Ball Bearing	.10	1579	Feed Stop Spring	.15
1102	Pump Lever	.75	1580	Shot Stop	.15
1103	Pump Link	.50	1581	Feeder Guide	1.00
1105	Muzzle Plug Screws	.05	1583	Feeder Block	1.00
1106	Lever Latch Screw	.15	1593	Hammer Pin	.10
1107	Lever Latch	.15	1594	Feeder Block Screws—Ea.	.05
1108	Air Chamber	*	1599	Feed Stop Screw	.05
1109	Pump Hinge Screw	.15		Lead Air Rifle Shot, per lb.	.75
1110	Handle Pins	.10		Steel Air Rifle Shot, per lb.	.75
1111	Plug Hinge Pin	.10		Cal. .177 Pellets (packed 500) Per M.	3.50
1113	Shot Barrel	*		Cal. .177 Pellets (packed 250) Per M.	3.80
1114	Link Hinge Pin	.10		Cal. .22 Pellets (packed 500) Per M.	4.30
1115	Sight Screw	.10		Cal. .22 Pellets (packed 250) Per M.	4.60
1116	Lever Latch Spring	.15		Cal. .177 Darts, dozen	.60
1117	Lever Handle	.75		Cal. .22 Darts, dozen	1.20
1118	Pump Rod Only	.75		25 ft. Pistol Targets, Per 100	.50
1120	Pump Lock Pin	.10		Per 500	2.00
1122	Gun Barrel	*		Per 1000	3.50
1123	Pump Rod Nut	.75		Leather Holster with snap buttons on belt loop and safety strap	3.75
	Fixture for Shaping and Trimming Leather Pump Washer				.75
	Wrench for Unscrewing Outlet Valve Lock Screw				1.00
	Tool for Extracting Outlet Valve Seat				2.00

ENCLOSE PAYMENT WITH ORDERS for ammunition or parts and tools and advise catalog number or model of gun. Send money order or bank draft if prompt shipment is wanted. We will not accept Stamps. Allow time for personal checks to clear. Do not enclose cash unless registered. Minimum Order 50¢. INCLUDE 25¢ for PACKING AND POSTAGE with orders for supplies and parts, under $5.00; over $5.00 add 5% to order for shipping charges in U.S.A. WE PREFER NOT TO SHIP C.O.D. We do not return old parts.

INSTRUCTION SHEET FOR BENJAMIN AIR PISTOLS
Nos. 110 - 112 - 117 - 150

STATE MODEL OF GUN WHEN WRITING TO FACTORY ABOUT IT, and show model number on all orders for parts and ammunition or other supplies. Enclose U. S. stamped self-addressed envelope with all inquiries.

IMPORTANT—ALWAYS KEEP PISTOL ON SAFETY to prevent accidental discharge, until you are ready to shoot.



TO PUMP UP PISTOL hold it in the right hand and pull pump lever away from barrel with thumb and index finger on left hand, then swing it all the way out or until pump washer passes air intake hole in pump barrel and push down on lever to fold it back against barrel with handle in palm of left hand, as shown, being careful to keep fingers apart so they will straddle pump barrel to avoid pinching them. Pump four or five strokes for ordinary use; seven or eight strokes give maximum shooting force. KEEP SAFETY ON WHILE PUMPING. If pump binds and does not work freely, see that muzzle plug screws are tight and oil external moving parts to prevent wear and rust. Do not allow gasoline or oil to reach valves or enter air chamber as it will soften valve packing and may expand under pressure.

THERE IS NO ADVANTAGE IN PUMPING THESE GUNS UP TOO MUCH, as excessive internal pressure will not permit outlet valve to open wide when firing thus reducing shooting force, besides excessive strain will bend or break pump rod and other parts. If gun is hard to pump be sure you are not pumping against full air chamber. We are not responsible for broken pump levers or fulcrums, or bent pump rods. To reduce excessive internal pressure fire blank several times or until air chamber is empty.

No. 110 SHOOTS LEAD OR STEEL AIR RIFLE SHOT. After pistol is pumped up turn button on bolt to left until pin clears breech cap and pull bolt all the way back until trigger engages hammer when you will hear a click, THEN PRESS A ROUND AIR RIFLE SHOT (BB) IN END OF BOLT which is bored out for this purpose (not in hole on side of bolt which is for another purpose); push bolt forward and lock it by turning button to right which seals breech end of shot barrel and prevents air from escaping when firing, also advances shot to firing position, and shot will not roll out when aiming below level. CALIBER .177 DARTS can also be used in No. 110 by pushing pointed end into shot barrel at breech, for playing games with a light charge of air. Use only best grade lead air rifle shot (BB) in this model for accurate shooting.

No. 112 SHOOTS CAL. .22 LEAD PELLETS. After bolt is pulled back place the pellet in breech opening at end of shot barrel with solid round end of pellet forward, then push bolt in and lock it, which advances pellet to firing position. PELLETS MUST BE HIGHEST GRADE TO SEAL RIFLING IN SHOT BARREL FOR ACCURATE SHOOTING. USE CAL. .22 GENUINE BENJAMIN H-C PELLETS FOR BEST RESULTS; WE DO NOT GUARANTEE SATISFACTORY PERFORMANCE WITH OTHER BRANDS. If your dealer cannot furnish Cal. .22 Genuine Benjamin H-C Pellets order direct from factory. Do not use Darts in this model as they are made of steel and may damage rifling in shot barrel.

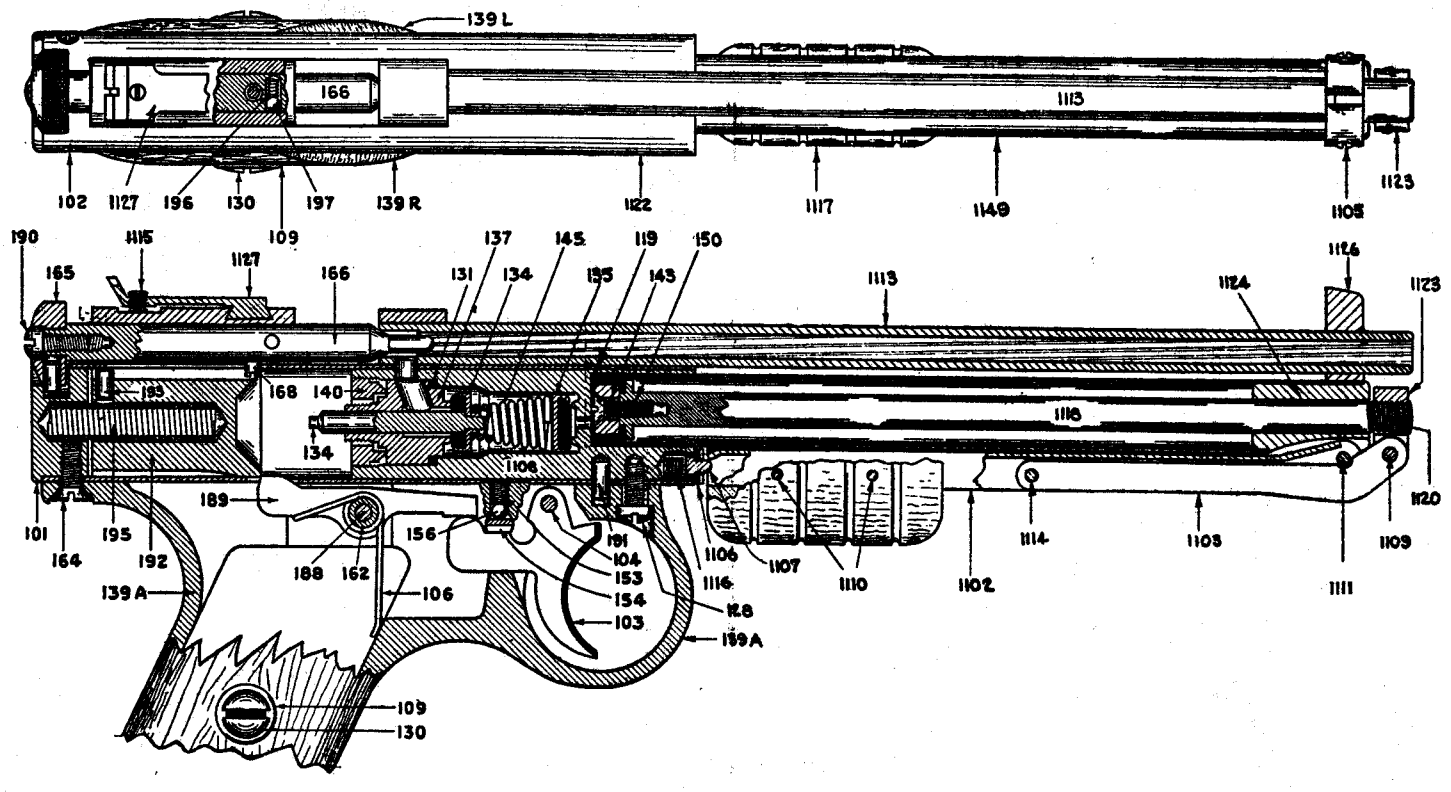
No. 117 SHOOTS CAL. .177 LEAD PELLETS. After bolt is pulled back place the pellet in breech opening at end of shot barrel with solid round end of pellet forward, then push bolt in and lock it, which advances pellet to firing position. PELLETS MUST BE HIGHEST GRADE TO SEAL RIFLING IN SHOT BARREL FOR ACCURATE SHOOTING. USE CAL. .177 GENUINE BENJAMIN H-C PELLETS FOR BEST RESULTS; WE DO NOT GUARANTEE SATISFACTORY PERFORMANCE WITH OTHER BRANDS. If your dealer cannot furnish Cal. .177 Genuine Benjamin H-C Pellets order direct from factory. Do not use Darts in this model as they are made of steel and may damage rifling in shot barrel.

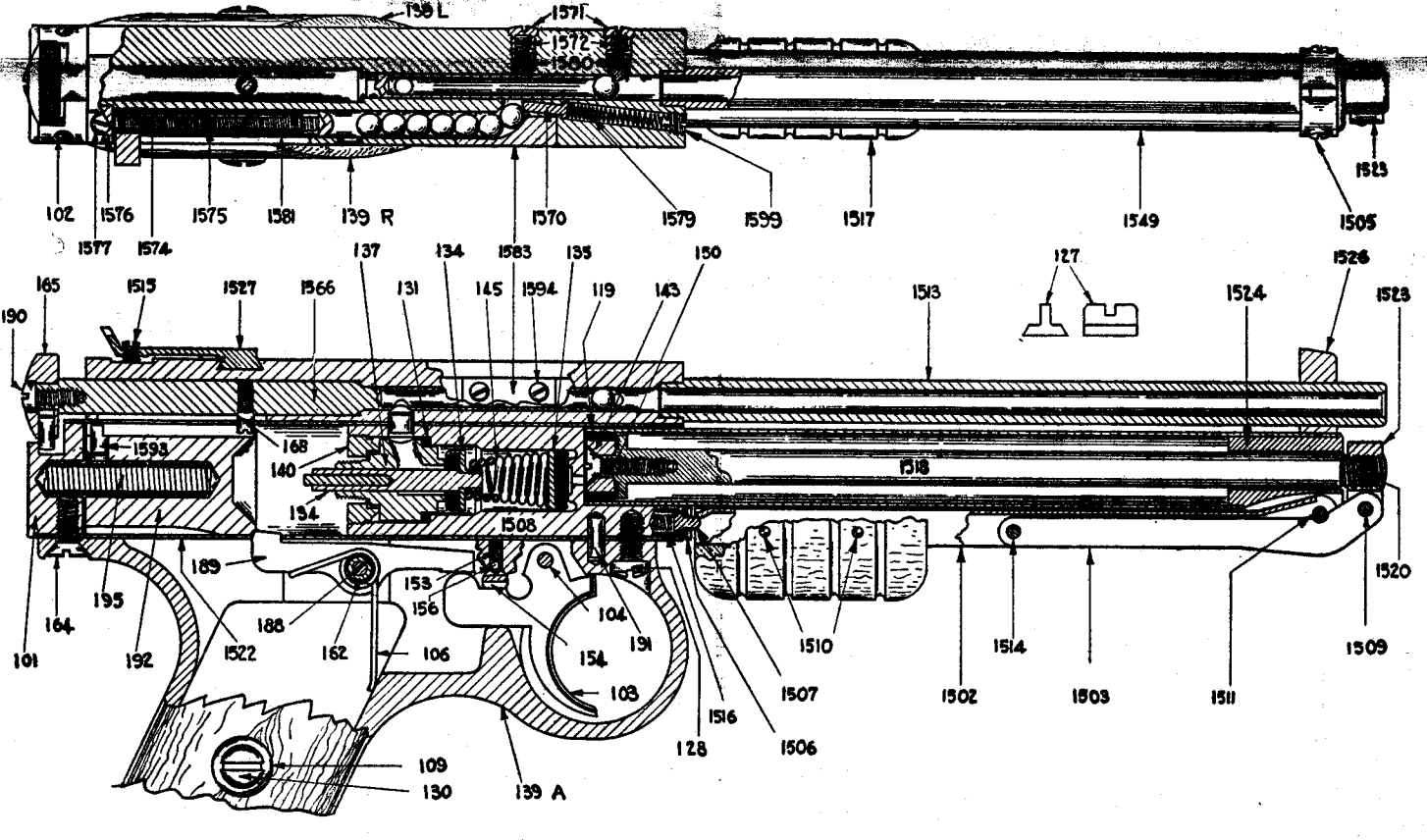
No. 150 SHOOTS STEEL AIR RIFLE (BB) SHOT ONLY. Fill the shot magazine with 8 steel shot and release feeder handle gently. After pistol is pumped up turn button on bolt to left until pin clears breech cap and pull bolt all the way back until trigger engages hammer when you will hear a click, then push bolt forward and lock it by turning button to right which seals breech end of shot barrel and prevents air from escaping when firing, also advances shot to firing position. After this is done the bolt should not be pulled back again until the gun has been fired, as each time the bolt is pulled back another shot automatically feeds from magazine and if the shot which was previously placed in firing position has not been discharged it will be released and roll out. Use only highest quality and uniform steel shot for best results. Ordinary steel (BB) shot with flats or dents will not give satisfactory operation. DO NOT USE LEAD AIR RIFLE (BB) SHOT in this model. Do not use steel shot over again if it is in any way damaged. We will not assume any responsibility under our guarantee if lead shot or poor grade and damaged steel shot is used in this model. At least two or more shots must be kept in magazine for shooting as the last shot is not fired out since it acts as a part of the feeding mechanism; however, the last shot can be removed if desired by tilting gun barrel so that it will fall out through feeding hole.

AFTER PISTOL IS LOADED TAKE SAFETY OFF by pushing safety button to left before aiming and firing; IF YOU DO NOT FIRE PUT SAFETY ON AGAIN AND KEEP IT ON until you are ready to shoot.

DO NOT PUT PISTOL AWAY WITH A LOAD AND DO NOT FIRE UNLESS IT IS CHARGED WITH AIR. This pistol has a hair trigger adjusted between 2 and 3 pounds same as used on fire arms.

IF PUMP LOSES COMPRESSION and does not offer any resistance when pushing pump rod in several times, take pump rod assembly out after removing muzzle plug screws and look at pump washer which may be too stiff and will not open up allowing the air to escape around it; soften pump washer with a little vaseline if dry, but be sure to wipe all excess grease off thoroughly. When pump washer is worn it should be replaced, and be sure pump rod screw is tightened securely, then trim edge of washer flush or even with top of brass washer by tying a string around outside of washer to hold it in place. To assemble pump rod in pump barrel, take pistol in left hand and hold pump assembly in right hand at a slight angle with slot in pump barrel up, then rotate pump rod and guide pump washer in barrel with fingers of left hand, at the same time bring pump rod gradually in line with pump barrel and push pump washer in to bottom of slot of pump barrel; use end of small screw driver or pocket knife blade to hold pump washer down until it passes slot in pump barrel, then put back the pump muzzle plug screws and tighten them.





BENJAMIN AIR RIFLE CO.,

1525 South 8th St. **St. Louis 4, Mo., U. S. A.**